

Kansas State Conversion Legend for Gray County, Kansas

Official Map Unit Symbol ²	Official Map Unit Name	Old Map Unit Symbol ^{1 2}	Old Map Unit Name
1124	Bridgeport silt loam, channeled	An	BRIDGEPORT SILT LOAM, CHANNE
1124	Bridgeport silt loam, channeled	1124a	BRIDGEPORT SILT LOAM, CHANNE
1185	Las Animas sandy loam, occasionally flooded	1185a	LAS ANIMAS SANDY LOAM, OCCASIONALLY FLOODED
1185	Las Animas sandy loam, occasionally flooded	Ld	LAS ANIMAS SANDY LOAM, OCCASIONALLY FLOODED
1186	Las Animas-Lesho complex, alkali, occasionally flooded	La	LAS ANIMAS-LESHO COMPLEX, ALKALI, OCCASIONALLY FLOODED
1186	Las Animas-Lesho complex, alkali, occasionally flooded	1186a	LAS ANIMAS-LESHO COMPLEX, ALKALI, OCCASIONALLY FLOODED
1190	Las Animas soils, occasionally flooded	1190a	LAS ANIMAS SOILS, OCCASIONALLY FLOODED
1190	Las Animas soils, occasionally flooded	Lc	LAS ANIMAS SOILS, OCCASIONALLY FLOODED
1214	Las clay loam, deep, occasionally flooded	Le	LAS CLAY LOAM, OCCASIONALLY FLOODED
1214	Las clay loam, deep, occasionally flooded	2152	Lesho clay loam, occasionally flooded
1214	Las clay loam, deep, occasionally flooded	Lh	LESHO CLAY LOAM, OCCASIONALLY FLOODED
1235	Las-Las Animas complex, occasionally flooded	055LD	LAS-LAS ANIMAS COMPLEX, OCCASIONALLY FLOODED
1235	Las-Las Animas complex, occasionally flooded	1235a	LAS-LAS ANIMAS COMPLEX, OCCASIONALLY FLOODED
1258	Sweetwater clay loam, occasionally flooded	1258a	SWEETWATER SOILS, OCCASIONALLY FLOODED
1258	Sweetwater clay loam, occasionally flooded	Sw	SWEETWATER SOILS, OCCASIONALLY FLOODED
1342	Bridgeport clay loam, rarely flooded	1342a	BRIDGEPORT CLAY LOAM, RARELY
1342	Bridgeport clay loam, rarely flooded	055BP	BRIDGEPORT CLAY LOAM, RARELY
1349	Bridgeport silty clay loam, rarely flooded	Bc	BRIDGEPORT SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
1349	Bridgeport silty clay loam, rarely flooded	1349a	BRIDGEPORT SILTY CLAY LOAM, RARELY FLOODED
1350	Bridgeport silty clay loam, 1 to 3 percent slopes	1350a	BRIDGEPORT SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES

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1350	Bridgeport silty clay loam, 1 to 3 percent slopes	Bd	BRIDGEPORT SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
1665	Lofton silty clay loam, 0 to 1 percent slopes	Lo	LOFTON SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
1665	Lofton silty clay loam, 0 to 1 percent slopes	1664a	LOFTON SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
1667	Manter fine sandy loam, 0 to 1 percent slopes	Mm	MANTER FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES
1667	Manter fine sandy loam, 0 to 1 percent slopes	1667a	MANTER FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES
1668	Manter fine sandy loam, 1 to 3 percent slopes	Mn	MANTER FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES
1668	Manter fine sandy loam, 1 to 3 percent slopes	1668a	MANTER FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES
1674	Manter-Ulysses complex, 1 to 6 percent slopes	Mu	MANTER-ULYSSES COMPLEX, 1 TO 6 PERCENT SLOPES
1674	Manter-Ulysses complex, 1 to 6 percent slopes	1673a	MANTER-ULYSSES COMPLEX, 1 TO 6 PERCENT SLOPES
1675	Manter fine sandy loam, 3 to 5 percent slopes, eroded	1669a	MANTER FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES, ERODED
1675	Manter fine sandy loam, 3 to 5 percent slopes, eroded	Mo	MANTER FINE SANDY LOAM, 1 TO 6 PERCENT SLOPES, ERODED
1761	Richfield silt loam, 0 to 1 percent slopes	Rm	RICHFIELD SILT LOAM, 0 TO 1 PERCENT SLOPES
1761	Richfield silt loam, 0 to 1 percent slopes	1761a	RICHFIELD SILT LOAM, 0 TO 1 PERCENT SLOPES
1762	Richfield silt loam, 1 to 3 percent slopes	Rn	RICHFIELD SILT LOAM, 1 TO 3 PERCENT SLOPES
1762	Richfield silt loam, 1 to 3 percent slopes	1762a	RICHFIELD SILT LOAM, 1 TO 3 PERCENT SLOPES
1765	Richfield silty clay loam, 1 to 5 percent slopes, eroded	Ro	RICHFIELD SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES, ERODED
1765	Richfield silty clay loam, 1 to 5 percent slopes, eroded	1765a	RICHFIELD SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES, ERODED
1768	Richfield-Spearville complex, 0 to 1 percent slopes	Rs	RICHFIELD-SPEARVILLE COMPLEX, 0 TO 1 PERCENT SLOPES
1768	Richfield-Spearville complex, 0 to 1 percent slopes	1768a	RICHFIELD-SPEARVILLE COMPLEX, 0 TO 1 PERCENT SLOPES

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1810	Satanta loam, 0 to 1 percent slopes	Sa	SATANTA LOAM, 0 TO 1 PERCENT
1810	Satanta loam, 0 to 1 percent slopes	1810a	SATANTA LOAM, 0 TO 1 PERCENT
1811	Satanta loam, 1 to 3 percent slopes	Sb	SATANTA LOAM, 1 TO 3 PERCENT
1811	Satanta loam, 1 to 3 percent slopes	1811a	SATANTA LOAM, 1 TO 3 PERCENT
1820	Schamber gravelly sandy loam, 5 to 25 percent slopes	1820a	SCHAMBER GRAVELLY SANDY LOAM, 5 TO 25 PERCENT SLOPES
1820	Schamber gravelly sandy loam, 5 to 25 percent slopes	Gr	SCHAMBER GRAVELLY SANDY LOAM, 5 TO 25 PERCENT SLOPES
1859	Ulysses silt loam, 3 to 6 percent slopes	Uc	ULYSSES SILT LOAM, 3 TO 6 PERCENT SLOPES
1980	Valent fine sands, 0 to 5 percent slopes	5248	Optima fine sand, 0 to 5 percent slopes
1980	Valent fine sands, 0 to 5 percent slopes	5248a	OPTIMA FINE SAND, 0 TO 5 PERCENT SLOPES
1980	Valent fine sands, 0 to 5 percent slopes	Bo	OPTIMA FINE SAND, 0 TO 10 PERCENT SLOPES
1982	Valent fine sand, 5 to 20 percent slopes	5253a	Optima fine sand, 5 to 20 percent slopes
1982	Valent fine sand, 5 to 20 percent slopes	055TF	VALENT FINE SAND, 6 TO 20 PERCENT SLOPES
1982	Valent fine sand, 5 to 20 percent slopes	1982a	VALENT FINE SAND, 5 TO 20 PERCENT SLOPES
1982	Valent fine sand, 5 to 20 percent slopes	Tf	OPTIMA FINE SAND, 6 TO 20 PERCENT SLOPES
1986	Valent-Vona loamy fine sands, 0 to 15 percent slopes	055TV	VALENT-VONA LOAMY FINE SANDS, 3 TO 8 PERCENT SLOPES
1986	Valent-Vona loamy fine sands, 0 to 15 percent slopes	1986a	VALENT-VONA LOAMY FINE SANDS, 0 TO 15 PERCENT SLOPES
1987	Vona loamy fine sand, 0 to 5 percent slopes	055VO	VONA LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES
1987	Vona loamy fine sand, 0 to 5 percent slopes	1987a	VONA LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES
2152	Lesho clay loam, occasionally flooded	Lh	LESHO CLAY LOAM, OCCASIONALLY FLOODED
2157	Lesho-Sweetwater complex, occasionally flooded	Lk	LESHO-SWEETWATER COMPLEX, OCCASIONALLY FLOODED

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2157	Lesho-Sweetwater complex, occasionally flooded	2152a	LESHO-SWEETWATER COMPLEX, OCCASIONALLY FLOODED
2375	Roxbury silt loam, rarely flooded	119RX	ROXBURY SILT LOAM, RARELY FLO
2375	Roxbury silt loam, rarely flooded	2375	Roxbury silt loam, rarely flooded
2562	Campus-Canlon complex, 3 to 30 percent slopes	2562a	CAMPUS-CANLON COMPLEX, 6 TO 15 PERCENT SLOPES
2562	Campus-Canlon complex, 3 to 30 percent slopes	Mp	CAMPUS-CANLON COMPLEX, 6 TO 15 PERCENT SLOPES
2612	Harney silt loam, 0 to 1 percent slopes	2612a	HARNEY SILT LOAM, 0 TO 1 PERCENT SLOPES
2612	Harney silt loam, 0 to 1 percent slopes	Ha	HARNEY SILT LOAM, 0 TO 1 PERCENT SLOPES
2612	Harney silt loam, 0 to 1 percent slopes	2612	Harney silt loam, 0 to 1 percent slopes
2613	Harney silt loam, 1 to 3 percent slopes	HB	HARNEY SILT LOAM, 1 TO 3 PERCENT SLOPES
2613	Harney silt loam, 1 to 3 percent slopes	2613	Harney silt loam, 1 to 3 percent slopes
2615	Harney silty clay loam, 1 to 3 percent slopes, eroded	119HC	HARNEY SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES, ERODED
2615	Harney silty clay loam, 1 to 3 percent slopes, eroded	2615a	HARNEY SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES, ERODED
2682	Lubbock loam, 0 to 1 percent slopes	Lu	LUBBOCK LOAM, 0 TO 1 PERCENT
2682	Lubbock loam, 0 to 1 percent slopes	2682a	LUBBOCK LOAM, 0 TO 1 PERCENT
2686	Lubbock silty clay loam, 0 to 1 percent slopes	2686a	LUBBOCK SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
2686	Lubbock silty clay loam, 0 to 1 percent slopes	081LU	LUBBOCK SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
2714	Ness clay	2714a	NESS CLAY
2714	Ness clay	9970a	AQUOLLS
2714	Ness clay	Ra	NESS CLAY
2714	Ness clay	INL	AQUOLLS
2747	Penden clay loam, 3 to 7 percent slopes	Md	PENDEN CLAY LOAM, 3 TO 6 PERCENT SLOPES
2747	Penden clay loam, 3 to 7 percent slopes	2749a	PENDEN CLAY LOAM, 3 TO 7 PERCENT SLOPES

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2748	Penden clay loam, 3 to 7 percent slopes, eroded	Mf	PENDEN CLAY LOAM, 3 TO 6 PERCENT SLOPES, SEVERELY
2748	Penden clay loam, 3 to 7 percent slopes, eroded	2747a	PENDEN CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
2750	Penden clay loam, 7 to 15 percent slopes	Me	PENDEN CLAY LOAM, 6 TO 15 PERCENT SLOPES
2750	Penden clay loam, 7 to 15 percent slopes	2750a	PENDEN CLAY LOAM, 7 TO 15 PERCENT SLOPES
2751	Penden complex, 7 to 15 percent slopes, eroded	Mh	PENDEN COMPLEX, 6 TO 15 PERCENT SLOPES, SEVERELY
2751	Penden complex, 7 to 15 percent slopes, eroded	2751a	PENDEN COMPLEX, 7 TO 15 PERCENT SLOPES, ERODED
2800	Spearville complex, 1 to 3 percent slopes, eroded	Sr	SPEARVILLE COMPLEX, 1 TO 3 PERCENT SLOPES, ERODED
2800	Spearville complex, 1 to 3 percent slopes, eroded	2800a	SPEARVILLE COMPLEX, 1 TO 3 PERCENT SLOPES, ERODED
2801	Spearville silty clay loam, 0 to 1 percent slopes	Sp	SPEARVILLE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
2801	Spearville silty clay loam, 0 to 1 percent slopes	2801a	SPEARVILLE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
2814	Uly silt loam, 0 to 1 percent slopes	119UA	ULY SILT LOAM, 0 TO 1 PERCENT S
2814	Uly silt loam, 0 to 1 percent slopes	Ua	ULYSSES SILT LOAM, 0 TO 1 PERCE
2814	Uly silt loam, 0 to 1 percent slopes	2814a	ULY SILT LOAM, 0 TO 1 PERCENT S
2815	Uly silt loam, 1 to 3 percent slopes	Ub	ULYSSES SILT LOAM, 1 TO 3 PERCE
2815	Uly silt loam, 1 to 3 percent slopes	2815a	ULY SILT LOAM, 1 TO 3 PERCENT S
2815	Uly silt loam, 1 to 3 percent slopes	UBB	ULY SILT LOAM, 1 TO 3 PERCENT S
2817	Uly silt loam, 3 to 6 percent slopes	UCC	ULY SILT LOAM, 3 TO 6 PERCENT S
2817	Uly silt loam, 3 to 6 percent slopes	2817a	ULY SILT LOAM, 3 TO 6 PERCENT S
2818	Uly silt loam, 3 to 6 percent slopes, eroded	119UT	ULY SILT LOAM, 3 TO 6 PERCENT SLOPES, ERODED
2822	Uly-Coly silt loams, 3 to 6 percent slopes, eroded	2822a	ULY-COLY SILT LOAMS, 3 TO 6 PERCENT SLOPES, ERODED
2822	Uly-Coly silt loams, 3 to 6 percent slopes, eroded	083UM	ULY-COLY SILT LOAMS, 3 TO 6 PERCENT SLOPES, ERODED
2822	Uly-Coly silt loams, 3 to 6 percent slopes, eroded	Um	ULYSSES-COLBY SILT LOAMS, 3 TO 6 PERCENT SLOPES, ERODED

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5928	Pratt loamy fine sand, 1 to 5 percent slopes	5928a	PRATT LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES
5928	Pratt loamy fine sand, 1 to 5 percent slopes	Pa	PRATT LOAMY FINE SAND, 1 TO 6 PERCENT SLOPES
5930	Pratt loamy fine sand, gravel substratum, 0 to 1 percent slopes	5930a	PRATT LOAMY FINE SAND, GRAVEL SUBSTRATUM, 0 TO 1
5930	Pratt loamy fine sand, gravel substratum, 0 to 1 percent slopes	Pg	PRATT LOAMY FINE SAND, GRAVEL SUBSTRATUM, 0 TO 1
5941	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	Pt	PRATT-OPTIMA LOAMY FINE SANDS, 3 TO 9 PERCENT SLOPES
6060	Lincoln soils, frequently flooded	6060a	LINCOLN SOILS, OCCASIONALLY FL
6060	Lincoln soils, frequently flooded	LI	LINCOLN SOILS, FREQUENTLY FLO
6240	Dale silt loam, rarely flooded	6240a	DALE SILT LOAM, RARELY FLOODE
6240	Dale silt loam, rarely flooded	Da	DALE SILT LOAM, RARELY FLOODE
9983	Gravel pits and quarries	GRP	GRAVEL PIT
9994	Rivers	9994a	RIVERS
9994	Rivers	ARR	ARKANSAS RIVER
9995	Sand pits	SAP	SAND PIT
9999	Water	W	WATER

This legend represents the conversion from the mixed alpha-numeric symbols and alphabetical symbols to the numeric symbols of the Kansas State Legend as of September 30, 2011. The old map unit symbol and the old map unit name should agree with the 1990 frozen soils list. The 1990 frozen soils list is used for making highly erodible land (HEL) determinations.

¹ A map unit symbol that has a number and upper case letters denotes a map unit that was brought from an adjacent county for the purpose of joining across county boundaries. Example: 001CA.

² A map unit symbol that has a "MT" followed by three numbers and an upper case letter indicates a map unit join between three states in the southeast corner of Kansas. Example: MT850B.